Product News

OMRON AUTOMATION & SAFETY

NO: **SR-052** **PRODUCT:** **G9SP Safety Controller, Software**
DATE: **September 2014** **TYPE:** **Modification Notice**

G9SP Programmable Safety Controller and Configurator Software Updated to Version 2.00 with Minor Improvements

Effective as of the factory production in July, 2014, the G9SP programmable safety controller and the associated WS02-G9SPxx configurator software have been updated to version 2.00.

Upgraded G9SP Function Support from Controller Version Up

- Users can select communication speeds from 9,600 bps and 115,200 bps
- Improved connectivity with Omron single beam safety sensors

Affected Models

Please note there is no change to the model number when ordering. Once existing Version 1.1 inventories have been depleted the new model will start shipping.

Safety Controllers

Specification	Model
Safety inputs: 10 points Safety outputs: 4 points Test outputs: 4 points	G9SP-N10S
Safety inputs: 10 points Safety outputs: 16 points Test outputs: 6 points	G9SP-N10D
Safety inputs: 20 points Safety outputs: 8 points Test outputs: 6 points	G9SP-N20S

Configurator Software

To order the new Version 2.00 software, please use the following information

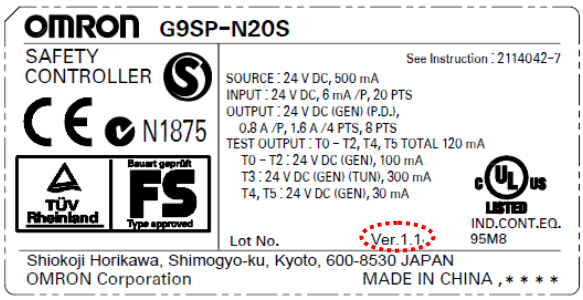
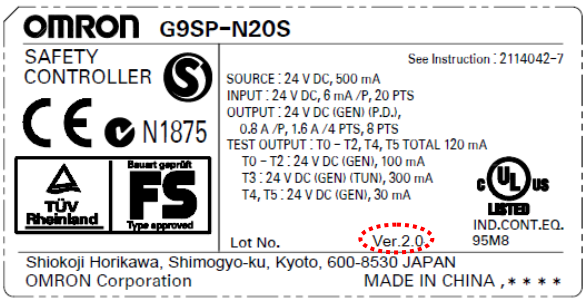
Media	Model
1 license	WS02-G9SP01-V2
10 licenses	WS02-G9SP10-V2
50 licenses	WS02-G9SP50-V2
Site license	WS02-G9SPXX-V2

Free Update Download

To upgrade an existing version of the software, please go to www.sti.com > Programmable Safety Controllers > G9SP > Downloadable Software and select the G9SP Configurator Ver 2.00 update link to access the G9SP_Configurator_v2.00.0708_Update.exe file.

Cautions on Applying Replacements

Detail of Differences

Before the change	After the change
Connectivity of G9SP-series with Single Beam Safety Sensor Only one E3ZS/E3FS Single Beam Safety Sensor can be connected to the G9SP-series Controller.	**Connectivity of G9SP-series with Single Beam Safety Sensor** Several E3ZS/E3FS Single Beam Safety Sensors can be connected to the G9SP-series Controller. The numbers of connectable devices are shown below. In the case of G9SP-N10S: 4 (1x4 system) In the case of G9SP-N10D: 6 (1x6 system) In the case of G9SP-N20S: 6(1x6 system) It is necessary to use the new G9SP Configurator (WS02-G9SPxx), which is version 2.00, when you use this new device.
RS-232C communication speed G9SP-series communicates with a Standard PLC at a baud rate of only 9600 bps through an RS-232C Serial Communications Board (CP1W-CIF01).	**RS-232C communication speed increased** G9SP-series communicates with a Standard PLC at a baud rate of 9600 bps or 115200 bps through an RS-232C Serial Communications Board (CP1W-CIF01).
Change identification of the unit 1. Indication of the faceplate: Ver.1.1.  2. Indication of the unit version label: Ver.1.1. 3. Indication of the individual box: Ver.1.1.	**Change identification of the unit** 1. Indication of the faceplate: Ver.2.0.  2. Indication of the unit version label: Ver.2.0. 3. Indication of the individual box: Ver.2.0.